

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: NilsBull@aol.com
Subject: [9255] 30 Meters activity +c (comments section &c)
Message-ID: <970119115327_1925744828@emout15.mail.aol.com>

Plonked myself on 30m this morning & had a couple nice (but short) QSOs with a few folks. Ray/K1NIX gave me 559. (He was a lot stronger 'n that) and Chuck/K1CL hit me with a 569. I also heard a lot of what most folks'd call "weak signals" around the QRP freqs: KF0DN, W7KXB, W4STX. I used both antennas (both equally poor but one much kinder on the ears as line noise & small fryings are concerned) and found that neither is all that better than the other. (Demented ramblings about a 30m verticle on the roof of the back door porch removed for reasons of psychological profile information... Yeah, I got another pile of crap from the Scientologists masquerading as "Citizens Commission on Human Rights(TM) International.")

The limitations of the antenna system -- and the fact that the radio's in the bedroom where Cindy takes the usual "I'm escaping from the work that I really need to do" naps -- make real serious radioaction impossible. Another reason for the constant level of "Oh please be arriving in my mailbox" mantra chanting.

And what a neat picture on the NorCal webpage! If that thar manual is as cool as it looks on paper (and the board is that damn small), I'm gonna have a time just sitting back and readin' through it firsters. Even when the package ain't here yet, I have to join in the praise for what is obviously another monstrously complex job well done by the guys who do all the work and have to put up with my rambling missives. Great stuff! "Oh please be arriving in my mailbox! Oh please be arriving in my mailbox! Oh please be arriving in my mailbox! Oh please be arriving in my mailbox! Oh please be arriving in my mailbox! Oh please be arriving in my mailbox! Oh please be arriving in my mailbox!" (Yes, I am dressed in the appropriate saffron robe, barefoot and starving...One must fast for quick results!)

Enough said. Back to the bands. Oops, Cindy's in there crashed out. Better go check out the start time for that Beavus & Butt-head movie. (Figure that'll take care of about a months worth of "Big Time Wrestling" watching, ne?)

73

Nils

WB8IJN +c

lurking when permitted around 10116-10125 or sometimes around 10106-10115. The 10116 section is covered with what I guess is spread spectrum stuff. (Why do they do that? I mean, let's really spread the encryption out... like to say 2744-10400.)

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [9227] 30M freqs
Message-ID: <199701190527.FAA15214@chuck.dallas.sgi.com>

Gang,

No skeds needed on 30M. Just show up at either 10.116MHz or 10.106MHz and listen. Then listen some more. If you don't hear anyone, QRL? and listen some more. Then send CQ.

I was on Saturday. States worked in order were AL, OH, CO, and AZ. Two were 2xQRP.

Check it out.

Stopped at HomeDepot. Got the 8' copper rod and hammered it into the ground. Going to connect on Sunday and see if it makes any difference.

ciao,
SIG
Chuck Adams K5FO adams@sgi.com

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [9249] 38 SPECIAL 5 WATT MOD QUESTIONS
Message-ID: <3.0.32.19970119110513.006a35b4@pop3.concentric.net>

I'm building mine right now. Plan on operating mine at the 9 volt level with several 9 volt batteries in parallel. Questions:

(1) When this mod is installed, what is the typical output? I usually like to operate in the 1-2w range and 5 watts would be to much like "QR0".

(2) What's the best way to make the output variable so we can have control from 1-5 watts?

Regards,
Mark - WB0IQK/8- #870

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Laura" <sputnik@imt.net>
Subject: [9250] 38 Special has arrived!
Message-ID: <199701191626.JAA10366@cu.imt.net>

Gang,

Received my 38 Special in the mail on Friday. Excellect quality! I'm about as far I can go and am scrounging for more parts...but I hope to be on the air with it by Monday or Tuesday sometime. Thanks to all that made it possible! (still deciding on enclosures....hmmmm.)

73 de KJ7UN, Laura

Laura Marino Lubner - Reese Creek Montana USA
sputnik@imt.net <http://www.imt.net/~sputnik>
GHRC / ARRL / 10-10 #68896 / FISTS #2785 / MARC / QRP-L # 790

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Rick Sealey <rsealey@InfoAve.Net>
Subject: [9248] 38-S Enclosure
Message-ID: <1.5.4.32.19970119160446.00a1c148@mail.infoave.net>

>Ever since the 38S was announced, I've been toying with the idea of
>using an LMB CO-3 cabinet (though, at \$35 or so it costs more than
>the 38S itself). See, the "CO" in LMB's cabinet line stands for
>"Collins" and the suckers are made to look just like a piece of
>traditional "S-line" gear. The CO-1 is about the same size as a
>KWM-2 or 75S3. The CO-3 is more suitable at approx 5x7x3.
>
> A CO-3-ized 38S would sure look terrific next to (more likely on top
> of) my venerable KWM-2A.
----<<SNIP>>----
>Bill Meahan WA8TZG wmeahan@wa8tzg.mi.org
----<<SNIP>>----
>

Hi Bill and everybody...

"Make it look good", that's my motto. Everyone, rightly so, has their own priorities in building a project. Whether it be "dead bug" ugly construction, point-to-point wiring on perf, or pcb layout, each can work

well and be satisfying. Personally, when I do a project, the cosmetics are as important to me as its performance, and performance is paramount. While I may not get it on the air as fast, I find it provides a lasting quality I can be proud of over the years. I've done many a dead-bug myself, but for the important projects, I get more serious.

In 1982 I bought an HW-8, assembled it, and modified it both cosmetically and electrically. Today it looks like no other HW-8 you've ever seen and I wouldn't take five hundred dollars for it. It's personal value far exceeds its monetary value. When Dave Herschberger, W9GR, published his DSP article in QST in 1992, it gave me an opportunity to go DSP without spending \$400.00 for the only thing available at the time, an NIR-10. Dave's great project kit deserved a great finish, and my W9GR filter looks 100% commercial (and not anything like the illustration in the article.) I own several DSP units now, but I still use my W9GR and will never let it go.

So, if the 38-S costs \$25 and the case \$35, or even \$65, so be it. I may not like the high cost, either, but I won't hesitate to spend it to get the project the way I want it. (Of course, we all know the 38-S is worth a lot more than \$25.00, anyhow!!) That CO-3 should be a great enclosure for a good looking rig, and big enough for future experimentation.

So, if you want lasting satisfaction with your project, take your time, plan deliberately, and savor the experience. And when you show that 38-S to a fellow ham 25 years from now, and it looks and works like you ordered it from a commercial vendor, and you tell him/her that you designed or modified it and built it, you'll still have the same pleasure you had 25 years earlier when you started it.

"Make it look good!"

72,
Rick - KI4PZ

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Robert Paschal <r-paschal@worldnet.att.net>
Subject: [9226] 38S - Sockets???
Message-ID: <19970119052642.AAA29329@LOCALNAME>

Mine came in the mail yesterday. Inventoried today. Looks really good. Beautiful board -- Don't want to mess it up.

Last kit I did I had to unsolder an IC. The board survived, but just barely.

Is there any big downside to using IC sockets on this radio??

I expect others may be thinking about this.

Thanks,

Bob AAOMC

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: sigcom@juno.com (Stephen M Smith)
Subject: [9267] 38S: Board pad #s vs. functions
Message-ID: <19970119.113616.8287.4.sigcom@juno.com>

Group,

I thought that a numerical list of pad #s vs. functions might be a helpful reference.

73.....Steve, WB6TNL

- -----
- (1) Antenna connector "hot".
 - (2) Antenna connector ground.
 - (3) Power input, negative.
 - (4) Power input, positive.
 - (5) Keyer paddle common (ground). (TiCK mod. only.)
 - (6) Keyer paddle DIT input. (TiCK mod. only.)
 - (7) Keyer paddle DAH input. (TiCK mod. only.)
 - (8) PGM switch input. (TiCK mod. only.)
 - (9) Key line, input (not used if TiCK mod. added).
 - (10) Key line, ground.
 - (11) R.F. gain control pot., low.
 - (12) R.F. gain control pot., wiper.

- (13) R.F. gain control pot., high.
- (14) RIT switch, "RIT off". (RIT mod. only.)
- (15) RIT switch, common. (RIT mod. only.)
- (16) Tuning control pot., low.
- (17) Tuning control pot., wiper.
- (18) Tuning control pot., high.
- (19) Receiver audio output.
- (20) Receiver audio ground.

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: sigcom@juno.com (Stephen M Smith)
Subject: [9263] 38S: TiCK mod question.
Message-ID: <19970119.105042.8287.3.sigcom@juno.com>

Group,

If I'm adding a TiCK to an already built 38S, wouldn't it be simpler to just leave the original sidetone circuit alone and leave pin 3 of the TiCK disconnected? That way I don't have to desolder anything from the 38S and the sidetone level will have already been set. Or am I missing something?

73.....Steve, WB6TNL

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Dave.Ackrill@Westwood45.powergen.co.uk
Subject: [9240] 40-9er mods for 80M
Message-ID: <970119153539Z*/G=Dave/S=Ackrill/O=Westwood45/PRMD=POWERGEN/ADMD=CWMAIL/C=GB@MHS>

I suppose that I should have headed this message "80-9er", but then people might have skipped over it HI.

I've modified my 40-9er to work on 80M by the following modifications:-

1. Remove 40M crystal and replace with 80M crystal.
2. Remove RFC1 and replace with 4.4uH inductor. (I made one by winding 30 turns of wire on a T50-2 core)
3. Remove C20 and replace with a 350pF capacitor. (I guess that a 330pF would do, but I selected one from the junk box that was as near to 350pF as I could get)
4. Remove C17, and C18 and replace with 750pF capacitors to make an 80M filter

Have not yet tested out how many watts out on 80M. I intend to change C6 to improve the amount of swing when pulling the crystal frequency, which seems to be a lot less than the adjustment available on 40M (which wasn't great even on that band). I will do that when I do the modification to reverse the positions of RFC6 and C6 anyway.

The big advantage of this modification in Europe is that there is less problem with AM broadcast stations breaking through on 80M when compared with 40M. In fact, so far, I've not heard anything other than QRP CW stations with the 80-9er, but I've only just done the mods. :-)

Be interested to hear if anyone else has modified a 40-9er for another band.

Regards - de Dave (G0DJA)

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Craig LaBarge <74740.3166@compuserve.com>
Subject: [9246] Amidon Address??
Message-ID: <199701191048_MC2-F9D-2D02@compuserve.com>

Gang:

Can someone email me a current address for Amidon Associates? Are there any other Core vendors who sell in small quantities?

73, Craig WB3GCK

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [9260] Anyone else NOT received QRP Quarterly?
Message-ID: <Pine.3.89.9701191210.B1530-0100000@w3eax.umd.edu>

Most people around here got theirs about 2 weeks ago, it seems, yet I'm

still looking for mine.

Anyway, anyone else still looking for theirs?

P.S. Want a special events card? W3USS (United States Senate) is active for the inauguration. Worked them locally on 2m today, and they're active on HF (lots of phone) as well.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Ed Tanton <n4xy@avana.net>
Subject: [9222] Dayton room: HELP!!!
Message-ID: <3.0.32.19970118221106.00955860@tiger.avana.net>

My friend Randy and I wanted to go to Dayton-but have had no luck with reservations at Day's Inn... does anyone on QRP-L have a reservation they are not going to use? Know about one? We are planning to arrive on WED and depart on MON (14-19.) Day's biz.ofc. said they could provide SOME of those dates-but not the whole thing. HELP!!!
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: n4js@amsat.org
Subject: [9282] DX Pileup
Message-ID: <XFMail.970119184630.n4js@amsat.org>

I just succumbed to temptation, and listened for Heard. I wish I hadn't. The

idiots sending "lid" over and over on top of 3507, as well as the "frequency police" remind me why I went QRT a few years ago.

Thanks, I'll stick to fox hunting.

Sent at 18:46:30 on 19-Jan-97

_ _ _ _
 / \ / \ / \ / \
(N)(4)(J)(S)
 / _/_ _/_ _/_

John L. Sielke n4js@amsat.org NJ - FM28LN
n4js@pobox.com n4js@hotmail.com n4js@n4js.ampr.org
<http://www.pobox.com/~n4js>

QRP-ARCI #9328 QRP-L #884 QCWA FISTS #2781 NE-QRP #507 G-QRP #9544

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Randy Moore" <wr.moore@worldnet.att.net>
Subject: [9243] Fox: Corrections for 1/15/97 UTC
Message-ID: <19970119154224.AAB21582@THEMOORE.pcmail.ingr.com>

Here are corrections for the Fox activity last Tuesday 1/14/97 in the Americas, or 1/15/97 UTC. Appologies to all...

0226 W7GVN 449 339 AZ ROD 849 (Typo was name=ROB)
0239 AA0XI 449 449 CO MARSHALL 153 (Typo was AA9XI)
0309 N6XU 229 229 CA STAN 66 (Typo was time=0301)
 Also listed Stan as heard, but not worked because I heard
 but did not QSL him earlier.

By the way, my only disappointment with this stuff is that I still haven't worked K5F0!

72/73,
Randy, KS4L

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Jim Hydzyk <congress@magpage.com>
Subject: [9245] FSFD (50 States) Update for Jan 19
Message-ID: <199701191551.KAA07393@alaska.magpage.com>

Hello ALL, (QRP activity info at <http://www.dancris.com/~ki7mn>)

The 50 States In 50 Days (FSFD) activity started Jan 01 and runs through

Feb. 20. Below is a the schedule of States for the next few days. We will attempt to provide digested schedules of states/times/bands/freqs. to help reduce message traffic to the reflector. Typically, only 1 message per day.
ALL TIMES UTC

Jan. 19 Sunday MAINE, WA5CVM, Joel 0400-1300 OPEN See Note
1300-1400 UTC 7.040
1700-1900 10.115
1900-2200 10.060
2200-2400 7.040
Joel will handle special requests: email jdenison@aisp.net
or (non-collect) 1-207-778-5099
Joel will work until 15 minutes after top of the hour if no reply

Jan. 20 Monday MARYLAND NF3I, Scott TBA Busy Guy :)

N3REY, John 1000-1200 MON-UTC 3.555
1201-1300 7.042
1301-1400 10.116
2000-2200 10.116
0001-0200 TUE-UTC 7.042
0201-0300 " " 3.555

Jan. 21 Tuesday MASSACHUSETTS WA1QVM 2000-2100 UTC 14.057
Joel 2100-2200 UTC 10.108
2200-0100 7.037
0100-0200 WED-UTC 3.557

KANSAS KANSAS WA0EAF, Gary 0100-0300 WED-UTC 7.040
0330-0500 WED-UTC 10.110
If 30M dead, then 3.560

KANSAS KB0PZD, Bruce 2100-2300 UTC 14.060
2300-0100 7.040

KG0MZ, John 0500-0600 WED-UTC 3.560

Jan. 22 Wed. MICHIGAN WA8LCZ, Byron 2000-2200 UTC 14.060-062
2200-0000 7.041-043

NOTE: Byron will also do MI on 0000-0500 THUR-UTC 3.697-700
Jan. 25 on 18.085 15-2000z

WA8CDU WA8CDU, Bill 2200-2400 UTC 14.060-062
0000-0200 THUR-UTC 7.038-040

W8KC, Paul TBA

W8RU, Ron TBA

Jan. 23 Thursday MINNESOTA K0EVZ, Doc 2300-0130 UTC 7.040
0130-0300 FRI-UTC 7.112
0300-0500 FRI-UTC 7.040

N0UR, Jim 2000- UTC 14.060
Let's keep Jim Busy. 2100- UTC 10.116
He'll stay on as long 2200- UTC 7.040
as the calls keep coming. 0100- FRI-UTC 3.580
Jim will check 21.060 @ 15 minutes past the hour starting 2000 UTC

WEST VIRGINIA K5IID/8 0100-0330 FRI-UTC 7.055
0345-0500 FRI-UTC 3.535

Jan. 24 Friday WEST VIRGINIA K5IID/8 1230-1300 UTC 3.565
Tom will be active all day, 1330-1400 7.055
signing K8IID/8/WVA and ck 1500-1530 10.110
Novice segments of active 1530-1630 14.045
band at 15 min past the hr. 1700-1730 21.065
Sugg. 7.112 & 3.708 MHz. 1730-1800 28.065
Tom will also be available on the 160M contest Friday night

MS MISSISSIPPI K5XU, Mike 0100-0330 SAT-UTC 7.042

Most every sign-up came with a note saying they would go longer if busy.
Frequencies are +/- QRM & typ. may reach as far as 3-4 KHz from posted freq.

CALLING CQ: A suggestion. If we call CQ WAS or WAS QRP de K6.... etc,
we give those not on QRP-L an indication of what we're doing. FSFD type
calling might be too cryptic for all but ourselves. However 'FS' is fine
when busy. Exchange RST, State/Province/Country, and Name. Power level is
nice to know.

ALASKA & HAWAII: Jim-AL7FS is back from Hawaii and will activate ALASKA as soon as KL7Y's 40M beam repairs are complete. Watch for Jim's postings. Thanks to him for the HI effort. KB0ROL is in HAWAII until Jan. 25 and will post his time/freq info to the group when ready. Best guess is Thursday 0200-0400 UTC on 20M or 40M. More info soon.

If you want to sign-up for an upcoming State, e-mail band/freq/time directly to: congress@magpage.com
Thanks for all the responses/encouragement and suggestions. Lets have a blast!

Jim K3QIO Wilmington, Delaware

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Brian L. Lewis" <76500.1621@compuserve.com>
Subject: [9210] FSFD LA#2 Results
Message-ID: <970119001658_76500.1621_HHE71-1@CompuServe.COM>

Wow, that was fun. I did not make an overwhelming number of contacts, But I had a good time.

I used a Kenwood TS850, Timewave DSP-59+, Bencher Paddle at 5 watts. The antennas were a Delta Loop on 40 and a Mosley Tribander at 65' for 20 meters. I used the memory keyer inside the 850 for CQ and part of the exchange.

40 Meter Results:

Saturday, January 18, 1997 (Friday night)

Call	RST sent	RST rcvd	State	Name	Power	UTC
K4NK	449	449	SC	LES	4W	0100
W3HGT	579	559	PA	PAUL	?	0104
WB3AAI	459	559	PA	LOU	3W	0108
K1CL	449	?	?	?	?	0112 (GOT HIM
LATER ON 20!)						
N2VPK	549	559	NY	MARK	1W	0113
KK7BD	339	449	AZ	DAN	5W	0120
KB4KGL	559	559	NC	DAVE	100W	0130
N4ITH	559	579	FL	JOAQUIN	100W	0134
WA1QVM	339	549	MA	JOEL	4W	0145
K4WZ	569	559	GA	RON	5W	0148
KH6AAU	569	579	NV	HADEN	?	0156
WA2NFF	449	429	NC	PAUL	?	0207

KE0FT	449	449	IA	JOHN	100W	0216
W4WGK	549	449	KY	ERVIN	40W	0225

14 CONTACTS

20 Meter Results:

Saturday, January 18, 1997

Call	RST sent	RST rcvd	State	Name	Power	UTC	
KI7MN	449	589	AZ	BOB	5W	1600	
XE1/K8ZAA	559	569	DX	RANDY	?	1603	
N0UR	449	559	MN	JIM	5W	1606	
VE3ABT	449	479	ON	DES	5W	1610	
KD6SBN	449	559	CA	ALAN	5W	1615	
N6VZ	449 QSB	559	CA	GARY	5W	1620	
WA8LCZ	449 QSB	579	MI	(BY)RON	5W	1628	
NF0Z/M6	559 QRM	?	CA	?	?	1631	
G3IEW	559	339	DX	STAN	10W	1700	FUN CONTACT
W3TS	569	569	PA	MIKE	250MW	1710	GREAT SIGNAL!
W7KXN	339	349	AZ	BILL	5W	1715	
K1CL	559	559	MA	CHUCK	5W	1721	
K3QIO	569	569	DE	JIM	5W	1728	
N4JS	569	599	?	JOHN	5W	1730	

14 CONTACTS, 2 DX.

Thanks to AC5AM for the help and suggestions.

Fun stuff. I can not wait until next time! If there are any corrections, please let me know.

72!

Brian L. Lewis

Shreveport, La.
K5RV (ex- N50CD)

bl@key.com or 76500.1621@compuserve.com
18-Jan-1997 18:15:28 CST

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Randy Moore" <wr.moore@worldnet.att.net>
Subject: [9244] FSFD: Alabama corrections
Message-ID: <19970119154224.AAA21582@THEMOORE.pcmail.ingr.com>

A couple of corrections for FSFD #1 in Alabama on 1/1/97. Sorry to be so late with these...

0212 N0IT 459 599 MO Dave (Typo was N4IT)
0251 N7RI 349 459 VA Ralph (Typo was state=WA)

73,
Randy, KS4L

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [9231] FSFD:KB0PZD, Bruce
Message-ID: <M1241338.006.8u3q6.1.970119065953Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Bruce:
Is there any chance you could extend your time on 40m to say 0200 UTC or more? 0130 UTC is about the time many of us "left coasters" are just getting home. You are definitely a hot ticket, along with ND :-)
Thanks in advance,
Bob N6WG

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Bob Follett" <bfollett@ditell.com>
Subject: [9252] Fw: What's a good paddle? (was Re: Envirotronics Paddles)
Message-ID: <199701191631.JAA00490@orion.ditell.com>

Bill & Gang:

After using and owning a Nye, Whiterook, G4PZY 3-1, Kitano, Brass Racer, Kent and

trying others, my hands down favorite, including cost, is Stan's V2L.

At \$100, you find machine work that isn't duplicated until you buy a higher priced German Key, and the touch is incredible!

Chuck wrote up the complete specs. on this key about 6 months ago.

No connections, etc., just a very happy user.

73, Bob

PS: My second choice is tied between Kent and the Racer. Kent has much better manufacturing tolerances and thus, holds its adjustments better, but I like the feel of the Racer better.

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "William R. Colbert" <v31xe@dzn.com>
Subject: [9218] Glow in the dark radios
Message-ID: <32E1A75B.1CB0@dzn.com>

Another excellent qrp transmitter that Ed or others might look for is the Hallicrafters HT-18. 6ba6 osc, buffer, driver, 6ba6 reactance modulator and a 6L6 final for a full 4 watts out. The power did drop to about 2.5 watts on 10 & 15. Using that little transmitter with the drake 2B/2BQ combo with the Johnson tr switch makes an excellent qrp station.
----72/73, Ray Colbert, W5XE, SOWP 1064M
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Richard Wilkerson <richqrp@pacbell.net>
Subject: [9217] help
Message-ID: <32E18A63.6572@pacbell.net>

Some time ago someone had talked about what to use to clean flux from PC boards. Could I have this information? Already I want a clean 38spl.
Thanks rich

--

Rich Wilkerson WD6FDD, Santee, Ca.
NorCal, ARCI, Qrp-L, ECRA
scQRPions

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Dave.Ackrill@westwood45.powergen.co.uk
Subject: [9236] Help please - 40-9er ceramic capacitor
Message-ID: <970119135024Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/ADMD=CWMAIL/C=GB@MHS>

Does anyone know where I can get hold of the little 50pF ceramic capacitor used in the front end of the 40-9er receiver section please?

I fired the rig up and wondered why the audio was lower than normal. Since I have not done the audio mods. this can be pretty low ;-)
When I tracked down the problem it was the little yellow ceramic capacitor (C2) that that is used in parallel with C20 and RFC1. The tuning action was very coarse and the adjustment screw wouldn't turn very easily. I took it out and tack soldered a bigger
5 - 65pF variable capacitor under the board, but would prefer to replace the component if possible.

Might be something for other users to watch out for if they leave their 40-9ers sitting on the shelf for any length of time, just goes to prove that you should keep using a QRP radio, to make sure it doesn't feel neglected HI.

Cheers de Dave (G0DJA)

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Robert H. O'Neil" <kf6acn@wco.com>
Subject: [9276] HELP!!!! how do I get the daily messages in one mailing...
Message-ID: <32E28AF3.622F@wco.com>

I love all the mail in this group but I am being overwhelmed by the amount as I get each one individually. I know there is a way to recieve only one message with the daily summary of the group....but what is it?

help I am drowning in QRP

--

Robert H. O'Neil Stanford University

-Quote of the day:

"Only two things are infinite, the universe and human
stupidity, and I'm not sure about the former."

--Einstein

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997

From: kb9kol@juno.com (William J. Nickrand)

Subject: [9237] HELP-Server crashed-Missed 38S info

Message-ID: <19970118.191158.10119.0.KB9KOL@juno.com>

I've switched to juno to get mail following the crash of my AOL program.
I've lost everything since yesterday (saturday 3PM) to present, and was
anxiously waiting for the Item #2 of the 5 watt mod for the 38S--as well
as any other significant findings showing up on the list. My 38S is 60%
complete. I've got most the upgrade stuff for rit, tick and 5 watt.
ALSO, Did I neglect to see in the advance mods listings the need to get a
6.8 uH choke? Your help is greatly appreciated!!!!

KB9KOL Newburgh IN---BILL NICKRAND----WORK IN PROGRESS

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997

From: wylde@nccn.net (Grover, K7TP)

Subject: [9215] NC38S #8 is alive and well and modified (some notes here)

Message-ID: <v02130502af0733e30e6a@[205.139.74.183]>

#8 is doing well at five watts, but do take a serious look at Micahel
Gipe's mod to the five watt mod that d-c couples the input to the IRF510.
You should do this mod!

For those who can't find the message, it consists of four simple steps
(quoting Michael):

1. Remove R101
2. Replace C101 with a wire jumper.
3. Change C26 to 330pF. (Thanks to Paul Harden for this suggestion, which
helps stabilize things.) [note: this cap is at pin 8 of U4.]

4. Carefully adjust TC2 for clean sine wave output.

Another note: my local radio shack told me that they no longer stocked the 1K pot that you need for the rf gain control. I used a 5k - works fb.

To Doug and Ori and Jim and everyone who played a part in this, a big thank you. This is a terrific radio and a great project.

Cheers,

Grover
K7TP

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: wylde@nccn.net (Grover, K7TP)
Subject: [9213] NC38S - schematic error
Message-ID: <v02130501af07301128b3@[205.139.74.194]>

In the schematic for the 5 watt power modification the output filter caps are labeled incorrectly. The main 38S schematic and the labeling on the board is correct. The output caps are C28 and C29, not C25 and C26 as shown in the modification schematic.

Michael, I assume that you meant the "real" C26 should be changed to 330pF.

Grover
K7TP

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Brian Short <ke7gh@primenet.com>
Subject: [9261] NC38S Parts @ Digikey
Message-ID: <01BC0636.6B13ED80@ip137.phx.primenet.com>

Ok, below are Digikey part numbers for parts that I'm aware of needing for the 38 Special. I'm unsure if the resistors are 1/8w or 1/4w, so part numbers are included for both. Can someone tell me which are which? Also, I'll acquire switches/pots from junk box or local source. Some parts are in Qty 10, so I'll stock up, too.

Total Cost for Parts: \$9.75

OBTW I do have NPNs and switching diodes in the junk box, but it is a good time to stock up ;->

Dont bother to install L1, R15, 16, 17, C31 and D8 as you will have to take them right back out.

The additional parts you will need are:

5 Watt power mod:

1 IRF510 transistor IRF-510-ND \$1.22
1 10 ohm resistor 10EBK-ND (Qty 10) \$0.28 1/8w 10QBK-ND (Qty 10) \$0.28 1/4w
1 220 ohm resistor 220EBK-ND (Qty 10) \$0.28 1/8w 220QBK-ND (Qty 10) \$0.28 1/4w
1 10k resistor 10kEBK-ND (Qty 10) \$0.28 1/8w 10kQBK-ND (Qty 10) \$0.28 1/4w
1 18k resistor 18kEBK-ND (Qty 10) \$0.28 1/8w 18kQBK-ND (Qty 10) \$0.28 1/4w
3 .1 mono caps P4887-ND \$0.32 x 3

RIT mod:

1 6.8uh molded choke M96R8-ND \$1.62
1 spdt toggle switch
1 10k pot
2 1n914 diodes 1N4148CT-ND (Qty 10) \$0.64
1 5.1k resistor 5.1kEBK-ND (Qty 10) \$0.28 1/8w 5.1kQBK-ND (Qty 10) \$0.28 1/4w

TiCK mod:

1 8 pin low profile IC socket A9308-ND (Qty 10) \$0.80
1 10k ohm resistor 10kEBK-ND (Qty 10) \$0.28 1/8w 10kQBK-ND (Qty 10) \$0.28 1/4w
1 270k resistor 270kEBK-ND (Qty 10) \$0.28 1/8w 270kQBK-ND (Qty 10) \$0.28 1/4w
1 560k resistor 560kEBK-ND (Qty 10) \$0.28 1/8w 560kQBK-ND (Qty 10) \$0.28 1/4w
1 1 meg resistor 1.0mEBK-ND (Qty 10) \$0.28 1/8w 1.0mQBK-ND (Qty 10) \$0.28 1/4w
1 2n2222 npn 2N3904DICT-ND (Qty 10) \$1.60
1 78L05 +5v, 100ma voltage regulator NJM78L05A-ND \$0.39
1 normally open pushbutton switch
1 mini stereo jack socket

73, Brian ke7gh@primenet.com

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Brian Short <ke7gh@primenet.com>
Subject: [9253] NC38S Parts/Enclosure?
Message-ID: <01BC0629.0DDF6020@ip137.phx.primenet.com>

My 38s is still not here, but I did get a parts list for those mods that I intend to include: 5w, TiCK, and RIT. See the parts list below (will be busy with the Digikey catalog later).

My question: I happen to have a brand new TenTec enclosure in my junk box (2 3/8" x 4 1/8" x 5 7/8") and I'm curious what some of you may think about using it for the 38s. Will it fit? Is it too big? Poor aesthetic choice?

What dimensions are required for the board etc?

Dont bother to install L1, R15, 16, 17, C31 and D8 as you will have to take them right back out. I should have read all the way through the manual before I started.

The additional parts you will need are:

- 5 Watt power mod,
- 1 IRF510 transistor
- 1 10 ohm resistor
- 1 220 ohm resistor
- 1 10k resistor
- 1 18k resistor
- 3 .1 mono caps

RIT mod

- 1 6.8uh molded choke
- 1 spdt toggle switch
- 1 10k pot
- 2 1n914 diodes
- 1 5.1k resistor

TiCK mod

- 1 8 pin low profile IC socket
- 1 10k ohm resistor
- 1 270k resistor
- 1 560k resistor
- 1 1 meg resistor
- 1 2n2222 npn

1 78L05 +5v, 100ma voltage regulator
1 normally open pushbutton switch
1 mini stereo jack socket

73, Brian ke7gh@primenet.com

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: bachmann@ari.net
Subject: [9280] NC38S progress
Message-ID: <199701192235.RAA19845@mtolympus.ari.net>

Hi gang,

I've almost finished the initial assembly of the NC38S and so I took some measurements. The quality of the board is astounding. I put in the TiCK mod with the initial assembly. I selected a 1 meg resistor as R17 for the low volume side tone. I didn't have a 1K pot on hand so I just jumpered pin 11 and pin 12 and put a 1k resistor between pins 12 and 13. One of the 22 pf NPOs was missing so I used a 20 pf NPO at C23. It is sitting on a clean sheet of paper to make sure there are no wire scraps under it. The power is 13.5 volts from one of those power supplies from Allen Bond.

On initial power up there was a raspy oscillation that only went away for a moment after you had keyed up. After cleaning off the flux with alcohol, it went away. It is putting out 8.8 volts p-p which works out to ~194 milliwatts. It tunes from 10.1107 to 10.1280. I have terribly imperfect pitch (it matches my color blindness) so I put an audio freq counter on the phone output. With a 10.11600 signal in, and a 415 hz tone coming out of the speaker, it would transmit on 10.11600. This one may need a little tweaking to get the transmit offset up a little. The sidetone from the keyer mod is at 620 hz. There is a distinct volume difference between the command mode signal from the keyer and the sidetone. I do not know if this is normal or if I have something amiss. To tune up on something, you find the 400~500 hz tone on the low frequency side zero beat. (You hear it again, only weaker on the high side.)

The keyer is neat. It is easy to put into straight key mode, you just hold down the button until you hear SK, then let it up. The first time you touch the key, you hear a tone that signals going out of command mode. The next time you hit the key, it transmits. To get out of straight key mode you can toggle power or hold the key down until you hear SK again, when you touch the key again it signals going out of command mode. At this point you need a paddle.

I have to finish one of the tuner kits I've started before I can use it. The antenna here shows a 4.5:1 vswr on 10.116 .

73, Rich Bachmann, N3SLR, Baltimore, MD

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Richard Wilkerson <richqrp@pacbell.net>
Subject: [9214] NC38spl
Message-ID: <32E17F95.3A17@pacbell.net>

Well Just finished mine, only the "stock" version, only the on board parts, with Mouser closed I guess I will also have to go to Radio Shack and get the parts tomorrow. Hope that they will have the stuff for the 5 watt mod. So the SMOKE test will be sometime tomorrow. A special thanks to all that made this project possible.

72's rich

--

Rich Wilkerson WD6FDD, Santee, Ca.
NorCal, ARCI, Qrp-L, ECRA
scQRPions

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [9273] NF3I et. al. on Ham Radio & More TONIGHT
Message-ID: <Pine.3.89.9701191512.A2104-0100000@w3eax.umd.edu>

Topic: Spartan Packet Radio Experiment, put up by U of M ARA INTO SPACE!

6 p.m. EST, on RealAudio (check tapr home page for link)
or on 5.070 MHz WWCR
or any number of affiliates nationwide

I will be playing a VERY minor role, but my voice may be heard.

ObQRP: Heard the Heard Is. folks...well, not VK0IR, but the pileup...

Europe was booming in on 75m last night around 3 a.m. but, even with the DXer's Heil Proset, I was no match at QRP levels.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Jim W7LS <w7ls@brigadoon.com>
Subject: [9233] OHR Sprint 40M 4 sale/swap
Message-ID: <199701190843.AAA10082@olympic.brigadoon.com>

Hi, gang. I have an OHR Sprint for 40 meters that is partially built by someone else and I got it a while back. Being mondo-busy and more interested in 80 right now, I am looking to exchange this toy for some other toy, preferably one for 80 meters. The rig covers about 150 KHz I think. 2 or 5 watts out. Don't remember which. I have all the books, schematics, etc. for it. Has a really nice folded metal cabinet with it. About 10% built at this point. Wouldn't mind another HW-8 or similar. Whatcha have for swap?

.73! (that's a 73 down 20dB)

Jim, W7LS

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Vernon A. Hatley" <vhatley@flash.net>
Subject: [9241] Paddles
Message-ID: <199701191533.JAA26479@endeavor>

Of all the paddles I have used so far; I prefer the Kent from England. The workmanship is first rate, its fairly heavy and won't move, and all that brass mounted on the black base is aesthetically pleasing. BUT, I have never used a set Mercury paddles yet. Some day...

--

KK5RO
Vernon A. Hatley
Shawnee, OK

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: jayboy@psnw.com (Jay & Jackie)
Subject: [9271] Paddles
Message-ID: <199701192012.MAA11959@sierra.psnw.com>

Without a doubt the Mercury is number one. I finally bought "the best" of something! And, I also agree the Kent is number two, and the TE NE KE will go out in the hills this summer with the QRP rigs if winter ever ends.
.....The Bencher and others have been retired.

Jay W6JDB

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Paul Meier <wa7mig@hevanet.com>
Subject: [9232] paddles, again
Message-ID: <32E1D838.76CE@Hevanet.com>

Who ever posted the v21 paddles info please send it to me again. I dumped it before I wrote down the info. I looked at the rgreen3164 so on site and only received a partial picture with no info. Tnx Paul

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [9251] Pse check this out
Message-ID: <853691366.1027531.0@gqrpclub.demon.co.uk>

I have redesigned the SM0VPO index page, please tell me if this is better for you

http://www.gqrpclub.demon.co.uk/sm0vpo_1.htm

Thanks

---72/3---Frank G3YCC G QRP 042

QTHR (Kirk Ella, East Yorkshire)

QRP Web sites: <http://www.gqrpclub.demon.co.uk>

<http://www.geocities.com/CapeCanaveral/5179>

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: tart1@juno.com
Subject: [9257] QRP on 10.116 KHZ & 10.106 KHZ
Message-ID: <19970119.122256.4767.2.tart1@juno.com>

I hear more than one station at a time but NO PROBLEM....
I tried using a separate receiver of good quality a pre-amp and kicked in the DSP a couple of times. It produced VERY GOOD results and no problems. LET THE QRP ROLLAND HAVE FUN

NATHAN TART QRP-L # 895

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Joe Everhart <n2cx@voicenet.com>
Subject: [9275] Rainbow Bridge/Tuner Update (longish)
Message-ID: <199701192051.PAA18385@mail3.voicenet.com>

Group,

Well since the 38S has been lauched successfully, it's time to bring you all up to date on the other NorCal Design Competition, the Rainbow Bridge/Tuner. The Rainbow or RBW, for short, is intended as a companion to the 40-9er, the 38 Special or any other QRP rig for 3 or 40 meters.

As describe in articles in the latest QRP Quarterly and QRPP, The Rainbow is a combination SWR indicator and simple antenna tuner on a board small enough to fit in an Altoids tin.

The Bridge uses a multi-colored LED bar graph display to give both relative and exact SWR readings. Since it is RF actuated, and self-compensating, it needs *no* tweaking or adjustment onver the QRP power range of 15 mW to 5 watts. (Even works without the tuner for inclusion in other projects)

The tuner portion is a parallel resonant circuit with a variable capacitor and tapped inductor to match a half wave wire on either 30 or 40 meters (67 foot wire for 40 or 46 foot wire for 30). A simple quarter wave counterpoise provdes an adequate ground.

NJQRP is kitting the Rainbow and for details you can check the info in QRPP, the Quarterly or on the NORCAL web page.

We have had a lot of interest and notices are on their way to those who have already placed orders. In fact, we are considering a second run of kits since we are close to our original predictions!

Several prototypes have been successfully constructed and results from the early builders are being used to finalize the design.

One significant change over the Rainbow described in the newsletters is that the Rainbow Display is now board-mounted! The original used a socket for the LEDS that required separate wiring. But based on feedback from the protos, we decided to simplify construction by mounting the display socket right on the pc board.

Parts are on order and expected shortly. All that remains is

finalizing the pc board and completing the manual. We expect to begin shipping on schedule around the middle of February.

When you build your 38 Special, leave room in the case for a Rainbow!

Speaking for NJ-QRP...

72/73,

Joe E., N2CX

>From Southern New Jersey, y'all

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Stan Goldstein <stan@cruzio.com>
Subject: [9266] Sierra rit range : more
Message-ID: <32E27533.5E68@cruzio.com>

Rich Arland wrote:

> the "fix" for opening up
> the RIT. R33 is normally a 47 K resistor. If you change this to about 22 K
> you double the frequency swing of the RIT. Change it to a 10 K and you
> increase the RIT swing by a factor of four. Of course, the small RIT knob
> now becomes very critical to tune, so care must be taken to carefully set
> the receive frequency.

Also, since stations hardly ever work split "down " by more than 1 or 2 khz,
I changed R 16 as well.

R 16 changes the ratio of the swing IE i + 6 khz and -2 rather than + & - 4.

I used a 5 k pot so I could adjust it to where I wanted it.

I got this mod from wa6hhq.

72.5

Stan , N6XU (ex N6ULU)

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Jim W7LS <w7ls@brigadoon.com>
Subject: [9234] Sudden rx performance? Currnt drain?
Message-ID: <199701190846.AAA12146@olympic.brigadoon.com>

Hi, out there in radio-land. I am considering a Sudden receiver and was wondering what the current drain on that puppy was. Also, any comments on the sensitivity and selectivity would be nice. Does it work when there is a foreign broadcast somewhere near in freq?

Tnx, gang.

.73 (73 down 20 dB)

Jim, W7LS

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Steve Slavsky <sslavsky@CapAccess.org>
Subject: [9256] The Future of Amateur Radio
Message-ID: <Pine.SUN.3.91-FP.970119115539.824A@cap1.capaccess.org>

This was on the Ten-Ten List from Tuck Miller. I think the potential impact on QRP and CW operating is tremendous. I have not seen this reposted on QRP-L, and I believe it will be of interest to all of you. If this is a repeat, I apologize, but it didn't make it here yet.

72/73,

Steve, N4EUK
Reston, VA

Tuck Miller sends --

Greetings to all fellow tenteners. I had the privilege of serving on WRC99, a committee of the American Radio Relay League (ARRL). We discussed several facets of Amateur Radio, and we recommended to the ARRL Board of Directors our thoughts and ideas. I might add this was not done hastily, as we were appointed in March of 96, and we gave our final report in December. As most of you know we also published a survey that appeared in QST. For those of you who responded, we thank you. One of the most controversial subjects was whether to retain the morse code requirement for HF operation. As most of you have probably already heard,

the committee recommended that the cw requirement remain in place. Other structural changes in the classes of Amateur Radio were also discussed, and we have recommended what we feel is a win win situation for all. We do hope you will agree. The full report will be published in a future edition of QST, and your input will be greatly appreciated. Now on to my version of our report:

Future of Amateur Radio

The following is a brief synopsis of what the WRC99 committee recommended to the ARRL Board of Directors for changes in the Amateur Radio licensing structure, and privileges associated with each class of license. The Board of Directors has received the report, and it will be published in a future edition of QST. Readers will be able to provide their input on the committee's recommendation. Please remember, that this is not an official release, but a preliminary at best.

The committee recommends that the present Novice Class be eliminated. Most new licensees come into the service via the technician class. Present novice licensees would be given the opportunity to take an open book test given by an accredited VE team to afford them the opportunity to upgrade to what is now the technician plus license.

The present Technician class license would be renamed the basic license, while the present Technician plus license would be renamed the intermediate license.

Privileges would be greater for each class of license above the basic license. Extra class operators would gain the following frequencies for phone: 3700-3750, 7125-7150, and 21150-21200 kHz. Advanced Class would gain 3725-3775, 7125-7150, 21150-21225 kHz. Generals would get additional phone at 3800-3850, 7200-7225, 21250-21300 kHz.

Each of these classes would pick up an additional 50 kHz of phone band on 75 and 15 meters, and 25 kHz on 40 meters. The committee also noted that this return General Class licensees to their pre-1968 phone band limits on 75, 40, and 15 meters.

Large changes are for the proposed intermediate license, now known as the tech plus license. CW privileges would be given on 160 meters, on 80 meters from 3525-3700, 40 meters, from 7025 to 7050, on 15, from 21025 to 21150, and on 10 meters from 28050 to 28300. Digital would be granted on 3600-3625, 21100-21125, and 28100-28189. Voice privileges would be allowed on 1950-2000, 3900-4000, 21350-21450, and additional 10 meters at 29500-29700 FM.

Morse code would be slightly modified for the General class, reducing code speed to 10 wpm. Extra would be the same, and the committee recommends that 5 wpm be retained for entry into the HF bands.

Examinations would be revised to include a sending test, and would return to the previous requirement of 1 minute of solid copy out of 5 minute receiving test period.

The committee also expressed their concerns about perceived abuses of the handicapped waiver provision, and requests that steps be taken to reduce that opportunity.

Once again, this is a brief synopsis of the full report that will be published in QST

73,

Tuck Miller, KC6ZEC

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Owen Nelson <owen@tarimar.com>
Subject: [9264] This week and Last
Message-ID: <32E26D33.5A0C@tarimar.com>

Wow,
What a difference one week can make!
Last week in the qrp arc I heard only two stations all day on 15M
(Western Washington is the last place on earth to get propagation), but yesterday was another story.
In two hours of working the NA qso party I worked 24 stations in 14 states and a Ve3! All this running 4 watts into a rotatable dipole.
SSB QRP is alive. I can hardly wait until things really open up.

Talk to you ALL later(SSB QRP naturally),

Owen

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Rich Arland <qrp@postoffice.worldnet.att.net>
Subject: [9278] VK0IR
Message-ID: <19970119222311.AAA23244@LOCALNAME>

Gang:

Performed the mod to widen the RIT (added a 15K resistor in parallel with R33) and it works great.

VK0IR is NOW (2300Z 1-19-97) on 3507 with a HUGE pileup starting at 3509 going up 20kHz. He is strong here in the NE of PA. Antenna: 80 meter Zepp dipole at 45 ft facing broadside to the South. Rig: Wilderness Sierra. PO: 3.5 watts.

"We're goin' in!"

73 rich K7SZ

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Rich Arland <qrpri@postoffice.worldnet.att.net>
Subject: [9265] VK0IR & the W-R Sierra
Message-ID: <19970119190210.AAA13818@LOCALNAME>

Gang:

Anyone worked Heard Island using QRP yet?

I've spotted VK0IR on 10.104, 7007 and 14.024. In each case he was listening above his transmit frequency by more than the split on my Sierra allows me to swing my receiver.

Today I called Wayne Burdick, N6KR, and he gave me the "fix" for opening up the RIT. R33 is normally a 47 K resistor. If you change this to about 22 K you double the frequency swing of the RIT. Change it to a 10 K and you increase the RIT swing by a factor of four. Of course, the small RIT knob now becomes very critical to tune, so care must be taken to carefully set the receive frequency. However, the extra RIT coverage is a blessing.

In my particular instance, I paralleled a 15 K resistor across the 47 K R33. This provided me with a positive RIT swing of 8.5 kHz and a negative swing of 15.5 kHz. I also had to readjust the VFO as this mod shifted my calibration.

I find the new tuning range GREAT! It is not all that touchy or critical, if one is not in a hurry.

Try it, you'll like it.

73 rich K7SZ

PS: I know that this mod was probably listed either here or in QRPP at some time, but it was worth the phone call to talk to Wayne!

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997

From: Jess Gypin <jessqrp@concentric.net>

Subject: [9224] Web Page revamped.

Message-ID: <32E03901.DA9@concentric.net>

Hi all!

I have spent a little time rebuilding the web page. I have added a lot of spiffy stuff and it has a whole new look. Tkae a peek and see what you think!

[HTTP://home.concentric.net/~jessqrp](http://home.concentric.net/~jessqrp)

Best

Jess NOTFI

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997

From: Bill Meahan <wmm@wa8tzg.mi.org>

Subject: [9211] What's a good paddle? (was Re: Envirotronics Paddles)

Message-ID: <32e171d2.wa8tzg@wa8tzg.mi.org>

Which prompts the following: what is the list's consensus on a pair of **good** paddles? I've never used an iambic keyer before (just the Viking straight key I bought as a novice in 1964 when it was still built by E.F. Johnson). But with the TiCK that arrived yesterday for installation in my yet-to-arrive 38S. I have a Vibroplex single-lever keyer I boungt in 1966 but have never actually used it on the air. My desire is for something that will be of good quality and worth keeping for many years but not for a "collectible" so gold-plating etc. are definitely out!

Though cute (and cheap), the Whiterook paddles look like a toy. On the other hand, I can't see shelling out \$180 for something like a Jones. I'm leaning towards the Vibroplex Brass Racer (the triangular base variety) but am very open to suggestions.

Thanks!

On 17 Jan 97 at 11:22, Dave Fifield wrote:

[snip]

Bill Meahan WA8TZG

wmeahan@wa8tzg.mi.org

ARRL, IMRA, QRP-L(#117), NorCal QRP (#407), G-QRP (#8468), MI-QRP (#M1458)

All statements herein are worth exactly what you paid for them

cat: a purr bearing mammal

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: NZ8J <timcook@erinet.com>
Subject: [9239] WTB: OHR-400/SIERRA
Message-ID: <32E2323F.6EAD@erinet.com>

Looking for an OHR-400 or Sierra. Please email with any info
thanks
Tim
NZ8J

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "JakeCart" <JakeCart@ix.netcom.com>
Subject: [9277] Yaesu FT101E info needed (no QRP content -- I just need some help)
Message-ID: <199701192101.NAA00473@dfw-ix6.ix.netcom.com>

I know this isn't QRP but you guys are such a source of knowledge I figured I'd ask.

I bought a Yaesu FT101E yesterday. I'm looking for info about the rig.
Any suggestions on where to look?

Thanks in advance,

Jake [AE4ZE] QRP#821

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: herr@ridgecrest.ca.us (Michael Herr)
Subject: [9225] RE>15m Neophyte receiver
Message-ID: <v01530500af074e290fdd@[199.120.150.119]>

>easily pulled (rubbered) to below the QRP
>frequency (21.060 mHz).
>
>Wayne N6KR published a circuit, in QST,
>for a 15m Neophyte receiver a few years back.
>This xtal worked great in it !

Any body know the month and day of the circuit?

72

Mike WA6ARA

Jim Fitton

Tel. 508-960-2577, FAX-3466
jfitton@lucent.mv.com

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Bob Roach <KE4QOK@worldnet.att.net>
Subject: [9269] Re: 38 spcl
Message-ID: <19970119200508.AAA13830@LOCALNAME>

At 08:34 PM 1/18/97 +0000, you wrote:
> Another 38spcl is up and running.... Yeeeeeepppppieeee.

Good deal, Scott. I am still waiting for mine to arrive.

> I am having problems locating parts for the mods though.
> Cant find a 1K pot, 4-40 nylon screw, 6.8uh choke, and the
> 1rf510 transistor, Radio Shack has one marked 1FR510, could
> be a typo.

I think that 1RF510 is a misprint. I was under the impression that
everything for the mod was either availagle from RS or in the kit????????????

Hope to be on 30M, "testing" soon.

(o o)

-----o00_()_00o-----

73 es TNX

KE4QOK Real radios glow in the dark.
Bob Power is no substitute for skill.
If it stayed up last winter, it was too small.
136 Hermitage Rd.
Newport News, Va. 23606 KE4QOK@worldnet.att.net
(757)930-0348

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Gary M. Diana, Sr." <gmdsr@vivanet.com>
Subject: [9279] Re: 38S: TiCK mod question.
Message-ID: <32E29DBC.66B8@vivanet.com>

Stephen M Smith wrote:

>
> Group,
>
> If I'm adding a TiCK to an already built 38S, wouldn't it be simpler to
> just leave the original sidetone circuit alone and leave pin 3 of the
> TiCK disconnected? That way I don't have to desolder anything from the
> 38S and the sidetone level will have already been set. Or am I missing
> something?
>
> 73.....Steve, WB6TNL
Steve -

The problem with not hooking up the TiCK-1 sidetone is that you have no feedback when using the pushbutton to command the TiCK-1... setting speed, tuning, etc. You COULD leave the sidetone intact, and hook a piezo device to the output of the TiCK-1. Then you'd have the audio feedback needed for the TiCK-1 functions. Now you have the task of mounting the piezo, drilling a hole in the case, etc.

Hope this info is helpful!
73, Gary N2JGU
gmdsr@vivanet.com

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [9268] Re: 38S: RS IFR510 vs IRF510
Message-ID: <Roam.3.0.1.853702632.7848.myers@bigboy>

Paul NA5N wrote:

> I will be playing with the IRF510 mod later tonight. The circuit
> as published seems to work well at 12V (using my bench supply),
> but as Mike K1MG noted, the biasing is sensitive enough that when
> you use a charged battery, like at 13.5v, the IRF510 takes a hit.

Apparently the bias supply to the MOSFET is unregulated; that

absolutely requires regulation, since the FET does have a lot of gain (motorola spec is 1A/1V). I don't recall the exact mod, but I often use 78L08s for the bias supply, or 9.1V zeners. In either case, use a bypass cap of a small cap (1000pF) in parallel with a larger tantalum (say 10uF).

Dana K6JQ
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Joe Everhart <n2cx@voicenet.com>
Subject: [9272] Re: 40-9er mods for 80M
Message-ID: <199701192016.PAA09685@mail3.voicenet.com>

At 03:30 PM 1/19/97 +0000, you wrote (in part):

>
> Have not yet tested out how many watts out on 80M. I intend to change C6
> to improve the amount of swing when pulling the crystal frequency, which
> seems to be a lot less than the adjustment available on 40M (which wasn't
> great even on that band). I will do that when I do the modification to
> reverse the positions of RFC6 and C6 anyway.
>

Dave you might consider a further mod. for increased tuning range on 80 metres.

To whit, replace the quartz crystal with a ceramic resonator. Here in the colonies such resonators are readily available for the (US standard) 3.579 MHz colour burst frequency. In addition, you might also consider replacing the crystal warping variable capacitor with a high C varicap like the MVAM 108 and tune it with a variable voltage as the NC-40 and NN1G rigs do. You might be able to get 20 KHZ or more swing by doing this. I breadboarded it long ago but my final installation in the 40-9er awaits more time.

72/73,

Joe E., N2CX

>From Southern New Jersey, y'all

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997

From: Dan Hogan <dhhogan@lightside.com>
Subject: [9270] Re: Anyone else NOT received QRP Quarterly?
Message-ID: <3.0.16.19970119115351.35d7e476@mail.lightside.com>

Scott:

Just got mine 2 days ago.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806, ARRL, ARCI #3847
dhhogan@lightside.com Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: ka7you@juno.com
Subject: [9228] Re: CMOS II Keyer
Message-ID: <19970118.213808.2702.10.KA7YOU@juno.com>

Marty,

I'm curious how you made a decision to get a CMOS II Keyer. I've been trying to decide between the Island Keyer, Atomic keyer, and the CMOS III keyer, and haven't been able to make the choice yet. I will eventually get a memory keyer, but for me the choice is hard. I've never used one, and hardly ever use paddles either, even though I have several keyers and paddles in the shack.

7 3,

Rod Johnson KA7YOU CN97AK 160M thru 1296MHz
NWQRP #120 ARCI-QRP#7251

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Bill Meahan <www@wa8tzg.mi.org>
Subject: [9212] Re: Enclosure for 39S???
Message-ID: <32e16f96.wa8tzg@wa8tzg.mi.org>

Ever since the 38S was announced, I've been toying with the idea of using an LMB C0-3 cabinet (though, at \$35 or so it costs more than the 38S itself). See, the "C0" in LMB's cabinet line stands for "Collins" and the suckers are made to look just like a piece of traditional "S-line" gear. The C0-1 is about the same size as a KWM-2 or 75S3. The C0-3 is more suitable at approx 5x7x3.

A C0-3-ized 38S would sure look terrific next to (more likely on top of) my venerable KWM-2A.

Now that the BSE Digital readout has been announced, I will just have to go this route!

Available from Mouser and others.

On 16 Jan 97 at 21:45, Alan Kaul wrote:

> Howdy... I am looking for recommendations for an enclosure for the
> 38 Special. I know some have mentioned using TenTec boxes. But I'm
> curious as to 1) where one might order one by mail, and 2) if anyone
> else is recommending other boxes, chassis, etc. (((except---please
> no recommendations for mint-tea-or-candy tins))).

>

> I'm looking for a container worthy of a ''real radio!''

>

> Best 73/72 de alan

>

>

> [Alan Kaul, W6RCL] kaul@netcom.com

>

>

>

Bill Meahan WA8TZG wmeahan@wa8tzg.mi.org

ARRL, IMRA, QRP-L(#117), NorCal QRP (#407), G-QRP (#8468), MI-QRP (#M1458)

All statements herein are worth exactly what you paid for them

cat: a purr bearing mammal

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997

From: Jeff Grudin <grudin@pacific.vdbs.com>

Subject: [9258] Re: FSFD (50 States) Update for Jan 19

Message-ID: <32E258C6.54FA@vdbs.com>

>

ALL TIMES UTC

>

> Jan. 19 Sunday MAINE, WA5CVM, Joel 0400-1300 OPEN See Note

> 1300-1400 UTC 7.040

> 1700-1900 10.115

> 1900-2200 10.060

> 2200-2400 7.040

Does anybody know if the 10.060 sked is really 14.060?

Thanks.

73 de Jeff AC6kw

grudin@vdbs.com

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [9262] Re: FSFD (50 States) Update for Jan 19
Message-ID: <Pine.SOL.3.91.970119133655.1049B-100000@hyper>

On Sun, 19 Jan 1997, Jeff Grudin wrote:

```
> >                                     ALL TIMES UTC
> > -----
> > Jan. 19  Sunday    MAINE, WA5CVM, Joel 0400-1300  OPEN  See Note
> >                                     1300-1400      UTC    7.040
> >                                     1700-1900                10.115
> >                                     1900-2200                10.060
> >                                     2200-2400                7.040
> Does anybody know if the 10.060 sked is really 14.060?
>
That's what I'm assuming, but will find out in about 30 mins...
```

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: N9DD@aol.com
Subject: [9209] Re: FSFD: Results N9DD Indiana (long)
Message-ID: <970118190542_714102146@emout09.mail.aol.com>

In a message dated 97-01-18 17:09:21 EST, I wrote:

<< Final tally:

20 meters	6 QSOs	TX, FL, OR, CO, ID, OK
30 meters	9 QSOs	FL, AR, NS, LA, DE, NC, TX, OK, CO8
40 meters	2 QSOs	V3, SC
80 meters	10 QSOs	TX, TN, KY, MA, DE, ON, AZ, OK

Total QSOs 26 Total SPC 19 >>

It must have been those badgers. Or maybe I need to get a calculator.
Total QSOs = 27 not 26

Tom N9DD

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: ka0yos@arn.net
Subject: [9247] Re: FSFD:KB0PZD, Bruce
Message-ID: <199701191601.KAA08626@arnet.arn.net>

At 10:28 PM 1/18/97 -0600, Bob Tellefsen-CNSE97 wrote:

>Bruce:
>Is there any chance you could extend your time on 40m to say 0200 UTC or more?
>0130 UTC is about the time many of us "left coasters" are just getting home.
>You are definitely a hot ticket, along with ND :-)
>Thanks in advance,
>Bob N6WG

Bob,

WA0EAF will be on. Also I think he has talked N0PAL to be on QRP as well. EAF is my Dad and he's got some nice antennas. It should be a good opportunity for you.

73,
Joe ka0yos

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Ed Tanton <n4xy@avana.net>
Subject: [9219] Re: HB: Strip-X versus NC38S magnet wire
Message-ID: <3.0.32.19970118215633.00971c50@tiger.avana.net>

Hi Rich et al.... I much prefer a careful scraping with an Exacto knife to any method I have ever tried for removal of the insulation on magnet wire. Done right, it is hard to beat!

///snip
>Monday. I did find that Strip-X will not remove the insulation on the magnet
>wire. The type that burns off is pretty much impervious to Strip-X.
>
>73, Rich Bachmann, N3SLR, Baltimore, MD
>
///snip
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [9216] Re: HB: Strip-X versus NC38S magnet wire
Message-ID: <Pine.LNX.3.91.970118184154.6117A-100000@dt1.datatamers.com>

Rich,
Strip-X was intended for "Formvar" type enamel. These days "Polythermaleze"
(sp?) coating is more common and has to be scraped or burned off.
72, Dave, W6EMD

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "Dean T. Miller" <dtmiller@dsmnet.com>
Subject: [9220] Re: HB: Strip-X versus NC38S magnet wire
Message-ID: <9701190304.AA17430@dsm7.dsmnet.com>

Hi Dave, Rich,

At 06:44 PM 1/18/97 -0800, David D. Meacham wrote:
>Rich,
>Strip-X was intended for "Formvar" type enamel. These days "Polythermaleze"
>(sp?) coating is more common and has to be scraped or burned off.

Fine sandpaper or emery cloth works really well. Form a 'U' around the wire
with the sandpaper and sand away (lightly).<g>

Dean -- from Des Moines (KB0ZDF)

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [9223] Re: HB: Strip-X versus NC38S magnet wire
Message-ID: <Pine.SUN.3.90.970118194755.27379E-100000@vortex.sage.dri.edu>

On Sat, 18 Jan 1997, David D. Meacham wrote:

> Strip-X was intended for "Formvar" type enamel.

I still have lots of Formvar wire. But my Strip-X always dries out.

Does anyone know what to thin it with???

Thanks,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: AE0Q / V31RY <v31ry@ix.netcom.com>
Subject: [9254] Re: help
Message-ID: <2.2.16.19970119165121.13570b10@popd.ix.netcom.com>

At 18:43 18-01-97 -0800, WD6FDD wrote:
>Some time ago someone had talked about what to use to clean flux from PC
>boards. Could I have this information? Already I want a clean 38spl.
>Thanks rich

Hello Rich.. Just use denatured alcohol and a small brush, like the kind they call 'acid brushes' with the hollow metal handle.. Car parts stores sell them.. I cut the bristles down to about 3/8 inch so they are stiffer, and the sooner you clean the flux, the easier it is to get off..

73 -- Glenn

Duct Tape is like the Force: It has a light side, and a
dark side, and it holds the Universe together.

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com -- ARRL LM, QCWA LM, NCVA --

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997

From: Richard Wilkerson <richqrp@pacbell.net>
Subject: [9281] Re: NC38spl
Message-ID: <32E2A8F3.79B0@pacbell.net>

Webster & Associates wrote:

>
> I am the owner of a small business which depends heavily on being able to
> read e-mailed resumes from candidates and FAXing them to our Clients in
> Silicon Valley, in California.
>
> Some brutal person has told all of you to send us 400 e-mails a day
> regarding ham radio topics. I end up losing one of my precious few staff
> people several hours a day reading stuff from you, to make sure you aren't
> a Technical Writer who is available for work.
>
> I am pleading with any of you who has a heart to help us stop the deluge of
> e-mails from ham radio operators coming into my office. All of us have
> been 'unsubscribing' for weeks, to no avail.
>
> Thank you very much.
>
> p.s. If any of you live in the Bay Area and want a brochure for our
> school, which will train you to be a Technical Writer, just call us at
> (415)-242-1222.

> Webster & Associates Technical Writers
> 2074 20th Avenue Contract
> San Francisco, CA 94116 Permanent
> Tel: 415-242-1222
> Fax: 415-759-3623

***** ***** ***** ***** *****

Is anyone else getting this crap???????????

--

Rich Wilkerson WD6FDD, Santee, Ca.
NorCal, ARCI, Qrp-L, ECRA
scQRPions

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Roger Hightower <rhight@primenet.com>
Subject: [9283] Re: NC38spl
Message-ID: <32E2B478.70A2@primenet.com>

Sounds to me like someone at Webster and Associates got subscribed to
the list. Wonder if that person will have a job for long?

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj

NorCal 40-9er, NC-40A, OHR Explorer 20, 30M, OHR400, HW-8, HW-9 and more to come.

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997

From: "Paul Christensen" <paulc@ccse.net>

Subject: [9274] Re: Paddles

Message-ID: <19970119204118.AAA29648@paulc.paulc>

> Without a doubt the Mercury is number one. I finally bought "the best" of
> something!

It just goes to show how people differ, particularly with respect to such simple devices as telegraph keys. After trying every known iambic paddle in existence, I chose the <gulp> Vibroplex Iambic Presentation.

The Mercury is certainly a fine key. For me, I didn't like the fact that the inverse-square law of its magnetics tended to make the contact closure somewhat "sticky" but only when using relatively wide contact spacing. On the other hand, most people I know who own the Mercury set the contact travel very small for effortless keying. The Mercury certainly has the precision to make this happen.

The Vibroplex Iambic may appear to be an old and antiquated design, but it offers all the things I demanded:

1) Zero tolerance for any arm flexing. When the contact closure is made, I can't stand to have the fingerpiece flex any more than necessary to make the contact.

2) Individual tension adjustment.

3) A heavy, non-skid base.

4) Ideal fingerpiece spacing. The one thing that my Brown Brothers paddle allows me to do is set the fingerpiece distance in three settings. The Vibroplex is fixed, but I didn't like the spacing of Bencher, Kent, and others.

5) Pivoting levers. Some keys (also like my Brown Bros.) do not employ pivoted bearing for smoother paddle travel. This is the main reason why I no longer use the Brown.

I have not yet tried the J.M. March key. I would be interested in hearing

comments about it.

-Paul, W9AC

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: AE0Q / V31RY <v31ry@ix.netcom.com>
Subject: [9259] Re: The Future of Amateur Radio
Message-ID: <2.2.16.19970119173228.0ad75e82@popd.ix.netcom.com>

Welllll, it looks like they are paving the way for the no-code HF license; lowering the General CW speed, more HF SSB for 5 wpm licenses, and taking the CW/digital bands a little at a time while they are at it..

Better join the ARRL _NOW_ and tell your representatives what you think!

>basic license. Extra class operators would gain the following
>frequencies for phone: 3700-3750, 7125-7150, and 21150-21200 kHz.
>Advanced Class would gain 3725-3775, 7125-7150, 21150-21225 kHz.
>Generals would get additional phone at 3800-3850, 7200-7225, 21250-21300
>kHz.

snip

> Large changes are for the proposed intermediate license, now known
>as the tech plus license. CW privileges would be given on 160 meters, on
>80 meters from 3525-3700, 40 meters, from 7025 to 7050, on 15, from 21025
>to 21150, and on 10 meters from 28050 to 28300. Digital would be granted
>on 3600-3625, 21100-21125, and 28100-28189. Voice privileges would be
>allowed on 1950-2000, 3900-4000, 21350-21450, and additional 10 meters at
>29500-29700 FM.
> Morse code would be slightly modified for the General class, reducing
>code speed to 10 wpm. Extra would be the same, and the committee
>recommends that 5 wpm be retained for entry into the HF bands.

Just my opinion.. Glenn

Duct Tape is like the Force: It has a light side, and a
dark side, and it holds the Universe together.

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com -- ARRL LM, QCWA LM, NCVA --

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: PA3ASC@mailbox.hol.nl (Mike Perry)
Subject: [9242] Re: What's a good paddle
Message-ID: <199701191540.QAA09431@bonny.hol.nl>

Not again. The futile comparisons.
Morse keys and paddles are personal objects, and like shoes or furniture, what suits one person, will be rejected by another.

And the choice can also depend on the characteristics of the user and not just the paddles. A couple of years ago the ancient joints in my left hand started to wear out, making my finger movements clumsy. The doctor called it "artrosis". A delicate mechanism like a Bencher paddle became difficult to use under these circumstances and, after many years of trusty service, it was returned to its box to be replaced by a Kent paddle whose ball races provided a mechanism better able to withstand clumsy manipulation.

Of course, there are many nice-looking paddles around. But their main purpose is usually to send morse, and I wish they were a lot cheaper than they are at present.

73 de PA3ASC

--

Best regards from The Netherlands,
Mike Perry. [e-mail :- PA3ASC@mailbox.hol.nl]
=====

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Ed Tanton <n4xy@avana.net>
Subject: [9221] Re: What's a good paddle: Kent
Message-ID: <3.0.32.19970118220648.009756c0@tiger.avana.net>

Hi Bill... I have almost all of 'em... my absolutely-nothing-close, unbeaten favorite being my N2DAN/4 'Mercury' paddle (pretty \$\$\$)... but the kit version of the Kent paddle is just about as good as anything I have tried, better than most-and a whole lot cheaper than some. (My second choice goes to the Jones paddle-AFTER my friend K4ODL adjusted it.) Kent makes a LOT of hamfests-try one there if you can. I THINK they have a web page-dunno for sure. I know they mail order and take plastic. GL

72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: "j.w. thornton" <dub@oklahoma.net>
Subject: [9238] Re: What's a good paddle?
Message-ID: <3.0.32.19970119081823.006c91bc@okc.oklahoma.net>

Paddles, ah yes: Being another CW nut, I have tried quite a few, liked most, and fell in love with one. My choices, in order of preference.

- 1: Mercury by N2DAN. The paddle to end all paddles when one is ready for the best and ready to pay for it. Beautiful design and workmanship. Absolutely will not slip on desk. Magnetic tension.
- 2: Brown Brothers CTL, iambic paddles and hand key on same base. No longer made, have to find them at hamfests. My first paddle, so some sentimental attachment goes into its being second choice.
- 3: Kent, English import. Nice workmanship, but bare brass WILL tarnish.
- 4: WBL paddle by W9WBL Stan Hails in Indianapolis. Very different & unique design. Good machining, no slop in arms, and absolutely will not move around on table.

The Bencher is probably the most widely used paddle in this country, but has never been one of my top choices.

"72"

J. W. (Dub) Thornton WA5YFY
Minco, Ok.

From owner-qrp-l@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Art Searle <w2nra@netusa.net>
Subject: [9229] Re: What's a good paddle? (was Re: Envirotronics Paddles)

Message-ID: <32E1B7C5.7B07@netusa.net>

Bill Meahan wrote:

> Which prompts the following: what is the list's consensus on a pair
> of ****good**** paddles?

I am a cw nut. I've tried most and still own quite a few but IMO by far the best and most adjustable, stay put paddles I've ever owned are the V2L Paddles

Want to see 'em? Check out this.

<<http://members.aol.com/rgreen3164/images/v2l.gif>>

Here's a great review by the famous Chuck Adams:

K5FO Paddle Review

MANUFACTURER: WBL Design

ADDRESS: 6345 Coffman Road
Indianapolis, IN 46268-2591

Send a first class stamp with mailing label and I'm sure Stan will send you his flier with photos and details.

OWNER: Stan Hails Jr W9WBL (FCO member)

PHONE: (800) 726-8936 for orders M/C and Visa : No CODs

MODEL NUMBER: V2L Iambic Paddle

PRICE: \$99.00 + \$6.00 S&H

WEIGHT: 44.1 oz

You won't be carrying this on any backpack or boating adventures. :-)

DIMENSIONS OF BASE:

6.5cm x 8.0cm x 8.3cm (LxWxH)

2 1/2" x 3 1/8" x 3 1/4" (LxWxH)

This of this as a phone booth with the back missing and the top&bottom missing too. U-shaped. See ASCII drawing below.

HEIGHT OF BASE ABOVE TABLE:

0.2cm

1/8" (guessing here gang)

supported by four self-adhesive rubber feet

MATERIALS:

Steel base two parts on each side in vertical position with black wrinkle paint and both attached to a "high-tech" machinable black dull-gloss plastic

plate in vertical position in front with polished front face. Probably Delrin. The plastic component is attached via four screws from the front covered with black plastic/rubber. Advertising brochure shows bare screws, but this was not the case for this paddle.

Mechanics attached to front face.

ADJUSTMENTS, TOLERANCES, and LOCKING MECHANISM:

This is the closest paddle that I have to perfection in this area. I can't detail the mechanism in the vertical plane of the paddle. It is polished brass bars with steel machine screws. Adjustments can be made while sending, something that I did not have previously and until you have it you don't know what you are missing. This is the first key that I have been able to send over 45 wpm with. This alone is worth the price of admission.

The finger pieces are made of polished Cocobolo. Hopefully someone can get a picture on the web soon.

PADDLES SEPARATION:

1/2" to 7/8" in steps of 0.016" increments. Very clever and all parts are included. Uses a tool supplied that is a screwdriver handle with an allen wrench shaft.

The paddles are adjustable in height from near the table to over an inch above the table.

TENSION MECHANISM:

A single spring between the two paddles adjusted by a knob on the right hand side. Tension can be from very light to very heavy with easy adjustment.

CABLING:

Wires attach to the two gold plated RCA phono jacks behind the front plastic plate. I use a 3.5mm stereo plug to dual RCA plugs commonly found at R/S and a 1/4" stereo jack to 3.5mm adapter also found at R/S. This allows me to plug into either the CK-2, MM-3, or CMOS III without worrying about polarity or which plug to use.

QUALITY OF WORKMANSHIP:

Superb. Obviously done by a craftsman and with attention to detail and functionality.

There is no vertical play in the paddles, just like

the Kent.

PADDLE INFORMATION:

Has a better feel of any paddles I own and much quieter.

BROCHURE SUMMARY:

- o Solid Gold Contacts from W.E. Alloy #1, 69% gold, 25% silver, 6% platinum
- o Satin Finish Brass Key Assembly
- o All Stainless Steel Screws
- o 2.2 pounds of steel weights directly over key feet for maximum 'walk' resistance
- o Capable of speeds over 50 wpm in experienced hands
- o Easily adjustable contact spacing and spring forces can be 'tweaked' while sending
- o Small 'foot print', only 2 1/2" x 3"
- o Extra removable feet included
- o Gold plated RCA jack outputs for easy keying polarity change
- o Hardwood finger pieces of polished Cocobolo
- o Adjustable finger height
- o Adjustable finger spacing easily changed from 1/2" to 7/8" by 0.016 increments

PERSONAL OBSERVATIONS:

Stan had a CMOS III mounted on a piece of acrylic plastic bent into an L shape and held to the back with magnetic strips. There is not room for the CMOS II as its PC board is wider.

In operation this paddle is a joy. For the serious CW operator this puppy may be the one that remains on the desk.

I got serial number 65 and I think Randy got 58.
Not that accounts for a hill of beans. :-)
So it is possible to get some in the 50's I think.

>From the top using an ASCII view:

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+---+
|<---Steel

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|   Plastic Piece   |
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|   Mechanics   |
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| | | |
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+--+ +--+
Paddles

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I can't get all the details without going into a dissertation on the mechanism, but it is ingenious. I am impressed on this one gang. N9VV was trying for a year to have me buy one, but I was stubborn. My mistake until Randy Rand, AA2U, and I sat down in the fleamarket at Dayton and played with it. Tell Stan I was the one sitting at the table when the umbrella blew away. :-) Wind everywhere I go. :-) And hot to boot. :-) No flames on that one gang. I know.

I did not ever intend to go into the paddle collection business. But look at me now. I have lost count, but I'm about to stop this foolishness. Found one that I can use daily without any problem. Not that I had much problem with any other paddle and then only minor nits.

My understanding that Environtronic may not produce any more paddles. If Ori has latest info he can post same.

FYI. Usually disclaimers. No commission checks coming to this QTH. :-)

Someone else at Dayton bought one other than Randy and myself. Any comments to the group? I think it was either Brad or Gary. I'll attach the AK-1 to the WBL and see how it plays.

I'm interested in just how much trouble it is to work with acrylic clear plastic to form it, say using 1/16" thickness. I guess that plexiglass comes in different levels of flexibility as the stuff that I saw at Home Depot yesterday was not stiff enough to hold its shape well even for small sections.

--

Art Searle, W2NRA, ARRL Life Member, NRA Benefactor Life Member
NRA Certified Firearms Instructor, <<http://www.nra.org/>>

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [9230] Re: What's a good paddle? (was Re: Envirotronics Paddles)
Message-ID: <3.0.16.19970118224809.341fb976@mail.lightside.com>

Dave:

Try the Envirotronic paddles. I have their 502B (\$74.95 + \$5.50 S7H),
desktop model. Probably the only paddlers I will ever buy.

Envirotronic, Inc.
526 Silver Lake Road
St. Paul, MN 55112
Phone/FAX (612) 633-8551

At 19:58 1/18/97 -0400, Bill Meahan Wrote
[Snip]
My desire is for something that will be
>of good quality and worth keeping for many years but not for a
>"collectible" so gold-plating etc. are definitely out!
[Snip]

Usual disclaimers.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806, ARRL, ARCI #3847
dhhogan@lightside.com Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-1@Lehigh.EDU Sun Jan 19 18:03:08 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [9235] Re: Where is G3YCC?
Message-ID: <853672408.620018.0@gqrpclub.demon.co.uk>

I'm here!

email is g3ycc@gqrpclub.demon.co.uk - send me a message if you wish to test the system - not everyone though!
Will be away soon though for some weeks.
Never fear, Frank is here.

---72/3---Frank G3YCC G QRP 042
QTHR (Kirk Ella, East Yorkshire)
QRP Web sites: <http://www.gqrpclub.demon.co.uk>
<http://www.geocities.com/CapeCanaveral/5179>